

GenCore version 5.1.6  
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## OM protein - protein search, using sw model1

Run on: March 7, 2005, 07:04:37 ; Search time 41.8407 Seconds  
(without alignments)  
702.945 Million cell updates/sec

Title: US-09-939-537-29\_COPY\_1\_394

Percent score: 2029

Sequence: 1 NMRGVPFRHLVLVLQALP.....SGQVLESNIKVLPTWSTPV 394

Scoring table: BLOSUM62

Searched: Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/aa/5A COMB.pep:\*  
2: /cgn2\_6/prodata/1/aa/5B COMB.pep:\*  
3: /cgn2\_6/prodata/1/aa/6A COMB.pep:\*  
4: /cgn2\_6/prodata/1/aa/6B COMB.pep:\*  
5: /cgn2\_6/prodata/1/aa/PCTUS COMB.pep:\*  
6: /cgn2\_6/prodata/1/aa/backfile1.pep:\*

## SUMMARIES

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No.	Score	Query Match	Length	ID	Description
1	2029	100.0	398	2	US-08-284-391B-29
2	2029	100.0	398	3	US-09-218-950-29
3	2029	100.0	398	4	US-08-394-388A-29
4	2029	100.0	458	3	US-08-466-368-4
5	2029	100.0	462	2	US-08-417-495-5
6	2029	100.0	462	2	US-08-284-391B-5
7	2029	100.0	462	3	US-09-218-950-5
8	2029	100.0	462	4	US-08-394-388A-5
9	2029	100.0	462	5	PCT-US92-01785-5
10	2029	100.0	462	5	PCT-US95-00454-5
11	2029	100.0	532	2	US-08-417-495-6
12	2029	100.0	532	2	US-08-284-391B-6
13	2029	100.0	532	3	US-09-218-950-6
14	2029	100.0	532	4	US-08-394-388A-6
15	2029	100.0	532	5	PCT-US92-01785-6
16	2029	100.0	532	5	PCT-US95-00454-6
17	2029	100.0	575	2	US-08-417-495-4
18	2029	100.0	575	2	US-08-284-391B-4
19	2029	100.0	575	3	US-09-218-950-4
20	2029	100.0	575	4	US-08-394-388A-4
21	2029	100.0	575	5	PCT-US92-01785-4
22	2029	100.0	575	5	PCT-US95-00454-4
23	2029	100.0	630	4	US-08-472-888A-6
24	2029	99.6	437	4	US-08-328-500-9
25	2017	99.4	402	1	US-08-226-311-1
26	2017	99.4	402	3	US-08-457-918-1
27	2017	99.4	402	4	US-10-157-408-1

28	2015	99.3	458	3	US-09-039-555B-15	Sequence 15, Appl
29	2007	98.9	458	3	US-09-517-605-3	Sequence 3, Appl
30	2001	98.6	394	3	US-08-466-368-2	Sequence 2, Appl
31	2001	98.6	394	4	US-08-328-500-2	Sequence 2, Appl
32	1997	98.4	458	4	US-10-092-138A-25	Sequence 25, Appl
33	1989	98.0	458	6	5223394-7	Patent No. 5223394
34	1989	98.0	458	6	5223394-7	Patent No. 5223394
35	1951	96.2	394	6	5223418-2	Patent No. 5223418
36	1951	96.2	394	6	5223418-2	Patent No. 5223418
37	1904	93.8	434	1	US-08-236-311-4	Sequence 4, Appl
38	1904	93.8	434	1	US-08-457-918-4	Sequence 4, Appl
39	1904	93.8	434	4	US-10-157-408-4	Sequence 4, Appl
40	1892	93.2	433	2	US-08-667-149-1	Sequence 1, Appl
41	1892	93.2	433	2	US-08-667-149-1	Sequence 1, Appl
42	1887	93.0	433	3	US-09-100-409A-1	Sequence 1, Appl
43	1695	83.5	433	6	5171838-13	Patent No. 5171838
44	1695	83.5	433	6	5171838-13	Patent No. 5171838
45	1368	67.4	318	6	5223394-11	Patent No. 5223394

## ALIGNMENTS

RESULT 1  
US-08-284-391B-29  
Sequence 29, Application US/08284391B  
Patent No. 5851828  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Clark & Elbling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391B  
FILING DATE: 02-AUG-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbling, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 398 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-284-391B-29

Query Match 100.0%; Score 2029; DB 2; Length 398;  
Best Local Similarity 100.0%; Pred. No. 1.1e-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NMRGVPFRLHLLVQLALLPAATQGNKYVLGKKGDVVELTCTASQKSIQFHMKNNOIK 60  
DB 1 NMRGVPFRLHLLVQLALLPAATQGNKYVLGKKGDVVELTCTASQKSIQFHMKNNOIK 60  
QY 61 IIGNQGSLFTKGPSSKLNDRADSRSLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYVL 120  
DB 61 IIGNQGSLFTKGPSSKLNDRADSRSLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYVL 120  
QY 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLTSSQLELQDSG 180  
DB 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLTSSQLELQDSG 180  
QY 181 TWTCTVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTGSGELMW 240  
DB 181 TWTCTVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTGSGELMW 240  
QY 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOYAGSGNLTLA 300  
DB 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOYAGSGNLTLA 300  
QY 301 LEAKTGKHOEVNLVVMRATOLQKNLTCEWGPSPKMLSLKENKAVSKREKPVWV 360  
DB 301 LEAKTGKHOEVNLVVMRATOLQKNLTCEWGPSPKMLSLKENKAVSKREKPVWV 360  
QY 361 LNPBAGMOCILSDSGOVLLESNIKVLPWTSTPV 394  
DB 361 LNPBAGMOCILSDSGOVLLESNIKVLPWTSTPV 394

## RESULT 2

US-09-218-950-29

Sequence 29, Application US/09218950  
Patent No. 6284240

## GENERAL INFORMATION:

APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
NUMBER OF SEQUENCES: 53  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR - BEARING CELLS  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA

ZIP: 02110

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR - BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045

## TELEX:

INFORMATION FOR SEQ ID NO: 29:

## SEQUENCE CHARACTERISTICS:

LENGTH: 398 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-218-950-29

Query Match 100.0%; Score 2029; DB 3; Length 398;  
Best Local Similarity 100.0%; Pred. No. 1.1e-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NMRGVPFRLHLLVQLALLPAATQGNKYVLGKKGDVVELTCTASQKSIQFHMKNNOIK 60  
DB 1 NMRGVPFRLHLLVQLALLPAATQGNKYVLGKKGDVVELTCTASQKSIQFHMKNNOIK 60  
QY 61 IIGNQGSLFTKGPSSKLNDRADSRSLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYVL 120  
DB 61 IIGNQGSLFTKGPSSKLNDRADSRSLMDQGNPFLIIKNLIKEDSDTYICEVEDQKEEYVL 120  
QY 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLTSSQLELQDSG 180  
DB 121 LVFGLTANSDDTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLTSSQLELQDSG 180  
QY 181 TWTCTVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTGSGELMW 240  
DB 181 TWTCTVLQNKQKVEFKIDIVLAFQKASIVYKKEGEQVEFSPLAFVTEKLTGSGELMW 240  
QY 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOYAGSGNLTLA 300  
DB 241 QABRASSSKSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOALPOYAGSGNLTLA 300  
QY 301 LEAKTGKHOEVNLVVMRATOLQKNLTCEWGPSPKMLSLKENKAVSKREKPVWV 360  
DB 301 LEAKTGKHOEVNLVVMRATOLQKNLTCEWGPSPKMLSLKENKAVSKREKPVWV 360  
QY 361 LNPBAGMOCILSDSGOVLLESNIKVLPWTSTPV 394  
DB 361 LNPBAGMOCILSDSGOVLLESNIKVLPWTSTPV 394

## RESULT 3

US-08-394-388A-29

Sequence 29, Application US/08394388A  
Patent No. 6753162

## GENERAL INFORMATION:

APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
NUMBER OF SEQUENCES: 53  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR - BEARING CELLS  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA

ZIP: 02110

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

ATTORNEY/AGENT INFORMATION:

/ CURRENT APPLICATION DATA:  
 / APPLICATION NUMBER: US/06/394,388A  
 / FILING DATE: 24-FEB-1995  
 / CLASSIFICATION: 514  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: US/08/284,391  
 / FILING DATE: 02-AUG-1994  
 / APPLICATION NUMBER: 08/195,395  
 / FILING DATE: 14-FEB-1994  
 / APPLICATION NUMBER: 07/847,566  
 / FILING DATE: 06-MAR-1992  
 / APPLICATION NUMBER: 07/665,961  
 / FILING DATE: 07-MAR-1991  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: Elbing, Karen L.  
 / REGISTRATION NUMBER: 35,238  
 / REFERENCE/DOCKET NUMBER: 00786/247001  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: 617-428-0200  
 / TELEFAX: 617-428-7045  
 / TELETYPE: 617-428-7045  
 / INFORMATION FOR SEQ ID NO: 29:  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 398 amino acids  
 / TYPE: amino acid  
 / STRANDEDNESS: single  
 / TOPOLOGY: linear  
 / MOLECULE TYPE: protein  
 / US-08-394-388A-29

Query Match 100.0%; Score 2029; DB 4; Length 398;

Best Local Similarity 100.0%; Pred. No. 1.1e-168; Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLIVLQALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
 DB 1 MNRGVPFRHLIVLQALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
 QY 61 IIGNGSSFLTKGSSKINDRADSRSLMDQGNPFLIKNKIETSDTYICEVEQKEEVOL 120  
 DB 61 IIGNGSSFLTKGSSKINDRADSRSLMDQGNPFLIKNKIETSDTYICEVEQKEEVOL 120  
 QY 121 LVFGLTANSDTHLLOQOSLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLEIDDSG 180  
 DB 121 LVFGLTANSDTHLLOQOSLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLEIDDSG 180  
 QY 181 TWTCVLOQOKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240  
 DB 181 TWTCVLOQOKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240  
 QY 241 QAEKASSSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPPALPOYAGSGNLTTLA 300  
 DB 241 QAEKASSSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPPALPOYAGSGNLTTLA 300  
 QY 301 LEAKTKLHOEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360  
 DB 301 LEAKTKLHOEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360  
 QY 361 LNPBAGMOCILSDSGQVLLSNIKYLPTWSTPV 394  
 DB 361 LNPBAGMOCILSDSGQVLLSNIKYLPTWSTPV 394

RESULT 4  
US-08-466-368-4

Sequence 4, Application US/08466368  
Patent No. 6093539

/ GENERAL INFORMATION:  
 / APPLICANT: Maddon, Paul J.  
 / APPLICANT: Litman, Dan R.  
 / APPLICANT: Chess, Leonard  
 / APPLICANT: Axel, Richard  
 / APPLICANT: Weisberg, Robin

/ APPLICANT: McDougal, J. S.  
 / TITLE OF INVENTION: DNA ENCODING THE T CELL SURFACE PROTEIN  
 / TITLE OF INVENTION: T4 AND USE OF FRAGMENTS OF T4 IN THE TREATMENT OF AIDS  
 / NUMBER OF SEQUENCES: 21  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Cooper & Dunham LLP  
 / STREET: 1185 Avenue of Americas  
 / CITY: New York  
 / STATE: New York  
 / COUNTRY: USA  
 / ZIP: 10036  
 / COMPUTER READABLE FORM:  
 / MEDIUM TYPE: Floppy disk  
 / COMPUTER: IBM PC compatible  
 / OPERATING SYSTEM: PC-DOS/MS-DOS  
 / SOFTWARE: Patent Release #1.0, Version #1.30  
 / CURRENT APPLICATION DATA:  
 / APPLICATION NUMBER: US/08/466,368  
 / FILING DATE: 06-JUN-1995  
 / CLASSIFICATION: 435  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: White, John P.  
 / REGISTRATION NUMBER: 28,678  
 / REFERENCE/DOCKET NUMBER: 24577-EI-B/JPW/ARC  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: 212-278-0400  
 / TELEFAX: 212-391-0525  
 / INFORMATION FOR SEQ ID NO: 4:  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 458 amino acids  
 / TYPE: amino acid  
 / TOPOLOGY: linear  
 / MOLECULE TYPE: protein  
 / US-08-466-368-4

Query Match 100.0%; Score 2029; DB 3; Length 458;

Best Local Similarity 100.0%; Pred. No. 1.3e-168; Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLIVLQALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
 DB 1 MNRGVPFRHLIVLQALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
 QY 61 IIGNGSSFLTKGSSKINDRADSRSLMDQGNPFLIKNKIETSDTYICEVEQKEEVOL 120  
 DB 61 IIGNGSSFLTKGSSKINDRADSRSLMDQGNPFLIKNKIETSDTYICEVEQKEEVOL 120  
 QY 121 LVFGLTANSDTHLLOQOSLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLEIDDSG 180  
 DB 121 LVFGLTANSDTHLLOQOSLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLEIDDSG 180  
 QY 181 TWTCVLOQOKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240  
 DB 181 TWTCVLOQOKVEFKIDIVLAFQKASSIVYKKEGEQVEFSPPLAFVTEKLTGSGELMW 240  
 QY 241 QAEKASSSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPPALPOYAGSGNLTTLA 300  
 DB 241 QAEKASSSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPPALPOYAGSGNLTTLA 300  
 QY 301 LEAKTKLHOEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360  
 DB 301 LEAKTKLHOEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKENKEAVSRERKPVWV 360  
 QY 361 LNPBAGMOCILSDSGQVLLSNIKYLPTWSTPV 394  
 DB 361 LNPBAGMOCILSDSGQVLLSNIKYLPTWSTPV 394

RESULT 5

US-08-417-495-5

Sequence 5, Application US/08417495  
Patent No. 5843728

GENERAL INFORMATION:

APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Redirection of Cellular Immunity by  
TITLE OF INVENTION: Receptor  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM PS/2 Model 50Z or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Wordperfect (Version 5.0)  
CURRENT APPLICATION NUMBER: US/08/417,495  
APPLICATION NUMBER: US/08/417,495  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/203,866  
FILING DATE:  
APPLICATION NUMBER: US/07/847,566  
FILING DATE:  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00786/119002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 462 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-417-495-5

Query Match 100.0%; Score 2029; DB 2; Length 462;  
Best Local Similarity 100.0%; Pred. No. 1.3e-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRHLLVLAQALLPAATQGNKRVLGKKGDVVELTCTASQKKSIOFHWKNSNOIK 60  
DB 1 MNRGVFRRHLLVLAQALLPAATQGNKRVLGKKGDVVELTCTASQKKSIOFHWKNSNOIK 60  
QY 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNIKIESDPTVIEVEVQKEEVOL 120  
DB 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNIKIESDPTVIEVEVQKEEVOL 120  
QY 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTLVSQLEIODSG 180  
DB 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTLVSQLEIODSG 180  
QY 181 TWTCTVLQNOQKVEFKIDIVLAFOKASSIVYKKEGQVEFSPPLAFTVEKLTGSGELMW 240  
DB 181 TWTCTVLQNOQKVEFKIDIVLAFOKASSIVYKKEGQVEFSPPLAFTVEKLTGSGELMW 240  
QY 241 QARASSSKSWITFDLKNKEVSRYKRTQDPKLOMGKKLPALHTLPQALPYASSGNITLA 300  
DB 241 QARASSSKSWITFDLKNKEVSRYKRTQDPKLOMGKKLPALHTLPQALPYASSGNITLA 300  
QY 301 LBAKTGLTQHOENVLYVMRATOLQKNLTCEYWGPTSPPLMLSLKLENDEAKVSRKRPVWY 360  
DB 301 LBAKTGLTQHOENVLYVMRATOLQKNLTCEYWGPTSPPLMLSLKLENDEAKVSRKRPVWY 360  
QY 361 LNEPAGMOCCLSDSGQVILLESNIKVLPTWSTPV 394

Db 361 LNEPAGMOCCLSDSGQVILLESNIKVLPTWSTPV 394

|||||  
RESULT 6  
US-08-284-391B-5  
Sequence 5, Application US/08284391B  
Patent No. 5851828  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391B  
FILING DATE: 02-AUG-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 462 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-284-391B-5

Query Match 100.0%; Score 2029; DB 2; Length 462;  
Best Local Similarity 100.0%; Pred. No. 1.3e-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRHLLVLAQALLPAATQGNKRVLGKKGDVVELTCTASQKKSIOFHWKNSNOIK 60  
DB 1 MNRGVFRRHLLVLAQALLPAATQGNKRVLGKKGDVVELTCTASQKKSIOFHWKNSNOIK 60  
QY 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNIKIESDPTVIEVEVQKEEVOL 120  
DB 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNIKIESDPTVIEVEVQKEEVOL 120  
QY 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTLVSQLEIODSG 180  
DB 121 LVFGLTANSDTHLLOQOSLTITLESPPGSSPSVQCSPPGKNIQGGKTLVSQLEIODSG 180  
QY 181 TWTCTVLQNOQKVEFKIDIVLAFOKASSIVYKKEGQVEFSPPLAFTVEKLTGSGELMW 240

DB 181 TWCTCTVLQNKKEFFKIDIVLAFQKASSIVYKKEGEVFFPLAFTVEKLTGSGELMW 240  
QY 241 QABRASSXSWITFDLKNKEVSVKRVYTOPDKLQMGKKLPLHLTLPOLPYAGSGNLTLA 300  
DB 241 QABRASSXSWITFDLKNKEVSVKRVYTOPDKLQMGKKLPLHLTLPOLPYAGSGNLTLA 300  
QY 301 LEAKTGKLEHVEVNLVYMRATOLQKNLTCEVWGPTSPKMLSTLENKEAKVSKREKPVWV 360  
DB 301 LEAKTGKLEHVEVNLVYMRATOLQKNLTCEVWGPTSPKMLSTLENKEAKVSKREKPVWV 360  
QY 361 LNPBAGMOCCLSDSGOVLIESNIKVLPTWSTPV 394  
DB 361 LNPBAGMOCCLSDSGOVLIESNIKVLPTWSTPV 394

RESULT 7  
US-09-218-950-5  
Sequence 5, Application US/09218950  
Patent No. 6284240  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/218, 950  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 462 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-218-950-5

Query Match 100.0%; Score 2029; DB 3; Length 462;  
Best Local Similarity 100.0%; Pred. No. 1,3e-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVEFPHLLVLQALALPAATQGNKVVLGKKGDTVELTCTASOKKSIOFHMKNNSQIK 60  
DB 1 MNRGVEFPHLLVLQALALPAATQGNKVVLGKKGDTVELTCTASOKKSIOFHMKNNSQIK 60  
QY 61 ILGNQSPFLTKGSPKLNDRADSRSLMDQNPFLIKNLKIEDSDTYICEVEDQKEVOL 120  
DB 61 ILGNQSPFLTKGSPKLNDRADSRSLMDQNPFLIKNLKIEDSDTYICEVEDQKEVOL 120  
QY 121 LVFGLTANSDTHLLQOSLTLTLESPGSSPSVQCSPPGKNIQGGKTLVSQLEODSG 180  
DB 121 LVFGLTANSDTHLLQOSLTLTLESPGSSPSVQCSPPGKNIQGGKTLVSQLEODSG 180  
QY 181 TWCTCTVLQNKKEFFKIDIVLAFQKASSIVYKKEGEVFFPLAFTVEKLTGSGELMW 240  
DB 181 TWCTCTVLQNKKEFFKIDIVLAFQKASSIVYKKEGEVFFPLAFTVEKLTGSGELMW 240  
QY 241 QABRASSXSWITFDLKNKEVSVKRVYTOPDKLQMGKKLPLHLTLPOLPYAGSGNLTLA 300  
DB 241 QABRASSXSWITFDLKNKEVSVKRVYTOPDKLQMGKKLPLHLTLPOLPYAGSGNLTLA 300  
QY 301 LEAKTGKLEHVEVNLVYMRATOLQKNLTCEVWGPTSPKMLSTLENKEAKVSKREKPVWV 360  
DB 301 LEAKTGKLEHVEVNLVYMRATOLQKNLTCEVWGPTSPKMLSTLENKEAKVSKREKPVWV 360  
QY 361 LNPBAGMOCCLSDSGOVLIESNIKVLPTWSTPV 394  
DB 361 LNPBAGMOCCLSDSGOVLIESNIKVLPTWSTPV 394

RESULT 8  
US-08-394-388A-5  
Sequence 5, Application US/08394388A  
Patent No. 6753162  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
TITLE OF INVENTION: CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,388A  
FILING DATE: 24-FEB-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045  
 TELETYPE: 617-428-7045  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 462 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-394-388A-5

Query Match 100.0%; Score 2029; DB 4; Length 462;  
 Best Local Similarity 100.0%; Pred. No. 1.3e-168;  
 Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNRGVFPHLLVLQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60  
 DB 1 NNRGVFPHLLVLQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60  
 QY 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNFPLIKNKIEBDDTYICEVEDQKEEVOL 120  
 DB 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNFPLIKNKIEBDDTYICEVEDQKEEVOL 120  
 QY 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180  
 DB 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180  
 QY 181 TWTCVQLQNKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240  
 DB 181 TWTCVQLQNKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240  
 QY 241 QABRASSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOLPOYAGSNULTIA 300  
 DB 241 QABRASSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOLPOYAGSNULTIA 300  
 QY 301 LEAKTGKHOEVNLVYMRATOLQKNLTCEWGPSTSPKMLSLKLNKAKVSKREKPVVW 360  
 DB 301 LEAKTGKHOEVNLVYMRATOLQKNLTCEWGPSTSPKMLSLKLNKAKVSKREKPVVW 360  
 QY 361 LNPEAGMOCCLSDSGQVLLBSNIXKVLPTWSTPV 394  
 DB 361 LNPEAGMOCCLSDSGQVLLBSNIXKVLPTWSTPV 394

RESULT 9  
 PCT-US92-01785-5  
 Sequence 5, Application PC/TUS9201785  
 GENERAL INFORMATION:  
 APPLICANT: The General Hospital Corporation  
 TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor  
 TITLE OF INVENTION: Chimera  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 COMPUTER: IBM PS/2 Model 50Z or 55SX  
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
 SOFTWARE: Wordperfect (Version 5.0)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US92/01785  
 FILING DATE: 19920306  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/665,961  
 FILING DATE: March 7, 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162  
 REFERENCE/DOCKET NUMBER: 00786/119002  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 542-5070  
 TELEFAX: (617) 542-8906  
 TELETYPE: 200154  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 462 amino acids  
 TYPE: AMINO ACID  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 PCT-US92-01785-5

Query Match 100.0%; Score 2029; DB 5; Length 462;  
 Best Local Similarity 100.0%; Pred. No. 1.3e-168;  
 Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNRGVFPHLLVLQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60  
 DB 1 NNRGVFPHLLVLQALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNQIK 60  
 QY 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNFPLIKNKIEBDDTYICEVEDQKEEVOL 120  
 DB 61 IIGNGSFLTKGPSKINDRADSRSLMDQGNFPLIKNKIEBDDTYICEVEDQKEEVOL 120  
 QY 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180  
 DB 121 LVFGLTANSDTHLQGSILTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDSDG 180  
 QY 181 TWTCVQLQNKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240  
 DB 181 TWTCVQLQNKVEFKIDIVLAFQKASSIVYKKEGEYEFSPPLAFYVEKLTGSGELMW 240  
 QY 241 QABRASSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOLPOYAGSNULTIA 300  
 DB 241 QABRASSSSWITFDLKNKEVSVKRYTODPKLQMGKKLPLHLTLPOLPOYAGSNULTIA 300  
 QY 301 LEAKTGKHOEVNLVYMRATOLQKNLTCEWGPSTSPKMLSLKLNKAKVSKREKPVVW 360  
 DB 301 LEAKTGKHOEVNLVYMRATOLQKNLTCEWGPSTSPKMLSLKLNKAKVSKREKPVVW 360  
 QY 361 LNPEAGMOCCLSDSGQVLLBSNIXKVLPTWSTPV 394  
 DB 361 LNPEAGMOCCLSDSGQVLLBSNIXKVLPTWSTPV 394

RESULT 10  
 PCT-US95-00454-5  
 Sequence 5, Application PC/TUS9500454  
 GENERAL INFORMATION:  
 APPLICANT: Seed, Brian et al.  
 TITLE OF INVENTION: Targeted Cytolysis of HIV-Infected  
 TITLE OF INVENTION: Cells by Chimeric CD4 Receptor-  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 COMPUTER: IBM PS/2 Model 50Z or 55SX  
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
 SOFTWARE: Wordperfect (Version 5.0)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/00454  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/847,566  
FILING DATE: March 6, 1992  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 462 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US95-00454-5

Query Match 100.0%; Score 2029; DB 5; Length 462;  
Best Local Similarity 100.0%; Pred. No. 1.3e-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRLHLVLTQALPAATQGNKVVLGKGDVETLTASQKSIQFMKNSNQIK 60  
DB 1 MNRGVPFRLHLVLTQALPAATQGNKVVLGKGDVETLTASQKSIQFMKNSNQIK 60  
QY 61 ILGNQGSFLLTKGPSKINDRADSRSLMDQGNPFLIKNIKIEDSDTYICEVEDQKEEVOL 120  
DB 61 ILGNQGSFLLTKGPSKINDRADSRSLMDQGNPFLIKNIKIEDSDTYICEVEDQKEEVOL 120  
QY 121 LVFGLTANSDFHLLQGSITLTLESPPGSSPSVQCSPPRGKNIQGGKTLISVSLLELDSDG 180  
DB 121 LVFGLTANSDFHLLQGSITLTLESPPGSSPSVQCSPPRGKNIQGGKTLISVSLLELDSDG 180  
QY 181 TWTCVTLQNKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240  
DB 181 TWTCVTLQNKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240  
QY 241 QAERASSSKSWITFDLKNKEVSVKRVTPDKLQMGKKPLHLTLPALPOVAGSGNLTLA 300  
DB 241 QAERASSSKSWITFDLKNKEVSVKRVTPDKLQMGKKPLHLTLPALPOVAGSGNLTLA 300  
QY 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLEKKAQKSKREKPVVW 360  
DB 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLEKKAQKSKREKPVVW 360  
QY 361 LNPEAGMOCCLSDSGQVLLSESNIKVLPWSTPVP 394  
DB 361 LNPEAGMOCCLSDSGQVLLSESNIKVLPWSTPVP 394

RESULT 11  
US-08-417-495-6  
Sequence 6, Application US/08417495  
Patent No. 5843728  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Redirection of Cellular Immunity by  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Wordperfect (Version 5.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/417,495  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/203,866  
FILING DATE:  
APPLICATION NUMBER: US/07/847,566  
FILING DATE:  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00786/119002  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-417-495-6

Query Match 100.0%; Score 2029; DB 2; Length 532;  
Best Local Similarity 100.0%; Pred. No. 1.6e-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRLHLVLTQALPAATQGNKVVLGKGDVETLTASQKSIQFMKNSNQIK 60  
DB 1 MNRGVPFRLHLVLTQALPAATQGNKVVLGKGDVETLTASQKSIQFMKNSNQIK 60  
QY 61 ILGNQGSFLLTKGPSKINDRADSRSLMDQGNPFLIKNIKIEDSDTYICEVEDQKEEVOL 120  
DB 61 ILGNQGSFLLTKGPSKINDRADSRSLMDQGNPFLIKNIKIEDSDTYICEVEDQKEEVOL 120  
QY 121 LVFGLTANSDFHLLQGSITLTLESPPGSSPSVQCSPPRGKNIQGGKTLISVSLLELDSDG 180  
DB 121 LVFGLTANSDFHLLQGSITLTLESPPGSSPSVQCSPPRGKNIQGGKTLISVSLLELDSDG 180  
QY 181 TWTCVTLQNKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240  
DB 181 TWTCVTLQNKQKVEFKIDIVLAFQKASIVYKKGEOVEFSPPLAFVTEKLTGSGELMW 240  
QY 241 QAERASSSKSWITFDLKNKEVSVKRVTPDKLQMGKKPLHLTLPALPOVAGSGNLTLA 300  
DB 241 QAERASSSKSWITFDLKNKEVSVKRVTPDKLQMGKKPLHLTLPALPOVAGSGNLTLA 300  
QY 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLEKKAQKSKREKPVVW 360  
DB 301 LEAKTGKLEHVEVNLVVMRATQLOKNTLCEVWGPTSPKMLSLKLEKKAQKSKREKPVVW 360  
QY 361 LNPEAGMOCCLSDSGQVLLSESNIKVLPWSTPVP 394  
DB 361 LNPEAGMOCCLSDSGQVLLSESNIKVLPWSTPVP 394

RESULT 12  
US-08-284-391B-6  
Sequence 6, Application US/08284391B  
Patent No. 5851828  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles

APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391B  
FILING DATE: 02-AUG-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-284-391B-6

Query Match 100.0%; Score 2029; DB 2; Length 532;  
Best Local Similarity 100.0%; Pred. No. 1,66-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFPHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60  
DB 1 MNRGVFPHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60  
QY 61 ILGNQGSFLTGPSPSKINDRADSRSLMDQGNFPLIIKNTKIEDSDTYICEVEEQKEVOL 120  
DB 61 ILGNQGSFLTGPSPSKINDRADSRSLMDQGNFPLIIKNTKIEDSDTYICEVEEQKEVOL 120  
QY 121 LVFGLTANSDTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELDG 180  
DB 121 LVFGLTANSDTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELDG 180  
QY 181 TWTCYVLQNKQKVEFKIDIVVLAFOKASSIVYKKEGBOVFSPLAFTVEKLTGSGELMW 240  
DB 181 TWTCYVLQNKQKVEFKIDIVVLAFOKASSIVYKKEGBOVFSPLAFTVEKLTGSGELMW 240  
QY 241 QAERASSSKSWITFDLKNKEVSVRVTQDPQLQMGKLPJLHLLPQALPOYAGSGNITLA 300  
DB 241 QAERASSSKSWITFDLKNKEVSVRVTQDPQLQMGKLPJLHLLPQALPOYAGSGNITLA 300  
QY 301 LEAKTGLHOEVNLVVRBATOLOKNTLCEYWGPTSPKLMSTLKENEAVSRKRPVWY 360  
DB 301 LEAKTGLHOEVNLVVRBATOLOKNTLCEYWGPTSPKLMSTLKENEAVSRKRPVWY 360  
QY 361 LNPEAGMWQCLTSDSGQVLLIESNIKVLPWTSTPV 394

DB 361 LNPEAGMWQCLTSDSGQVLLIESNIKVLPWTSTPV 394

RESULT 13  
US-09-218-950-6  
Sequence 6, Application US/09218950  
Patent No. 6284240  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
APPLICANT: Banapour, Babak  
APPLICANT: Romeo, Charles  
APPLICANT: Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/218,950  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-218-950-6

Query Match 100.0%; Score 2029; DB 3; Length 532;  
Best Local Similarity 100.0%; Pred. No. 1,66-168;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFPHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60  
DB 1 MNRGVFPHLLVQLALPAATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60  
QY 61 ILGNQGSFLTGPSPSKINDRADSRSLMDQGNFPLIIKNTKIEDSDTYICEVEEQKEVOL 120  
DB 61 ILGNQGSFLTGPSPSKINDRADSRSLMDQGNFPLIIKNTKIEDSDTYICEVEEQKEVOL 120  
QY 121 LVFGLTANSDTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELDG 180  
DB 121 LVFGLTANSDTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELDG 180





PCT-US92-01785-6

Query Match 100.0%; Score 2029; DB 5; Length 532;

Best Local Similarity 100.0%; Pred. No. 1,6e-168; Mismatches 0; Indels 0; Gaps 0;

Matches 394; Conservative 0;

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QY 1 MNRGVPFRHLVLVLOALIPATQGNKVKLGKGDVVELCTASQKKSIOFHKNSNQIK 60
  |||
Db 1 MNRGVPFRHLVLVLOALIPATQGNKVKLGKGDVVELCTASQKKSIOFHKNSNQIK 60
QY 61 IIGNQGSSFLTKGSPSKLNDRADSRSLMDQGNFPLIKNLKIEDSDTYICEVEDQKEVQL 120
  |||
Db 61 IIGNQGSSFLTKGSPSKLNDRADSRSLMDQGNFPLIKNLKIEDSDTYICEVEDQKEVQL 120
QY 121 LVFGLTANSDPTHLLQGSLLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLEIODSG 180
  |||
Db 121 LVFGLTANSDPTHLLQGSLLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLEIODSG 180
QY 181 TWTCTVLQNKQKVEFKIDIVVLAFOKASSIVYKKEGEQVEFSPPLAFVVEKLTGSGELMW 240
  |||
Db 181 TWTCTVLQNKQKVEFKIDIVVLAFOKASSIVYKKEGEQVEFSPPLAFVVEKLTGSGELMW 240
QY 241 QAEERASSSSKSWITFDLKNKEVSYSKRTQDPKIQMGKKLPILHLTLPOALPOYAGSNTLTA 300
  |||
Db 241 QAEERASSSSKSWITFDLKNKEVSYSKRTQDPKIQMGKKLPILHLTLPOALPOYAGSNTLTA 300
QY 301 LEAKTGKLIHQEVLNVVWRATQLOKNLICEVWGPTSPKMLSLKLENKEAVSRREKPVWV 360
  |||
Db 301 LEAKTGKLIHQEVLNVVWRATQLOKNLICEVWGPTSPKMLSLKLENKEAVSRREKPVWV 360
QY 361 LNPEAGMWQCILSDSGVLLBSNIKVLPWTSTPV 394
  |||
Db 361 LNPEAGMWQCILSDSGVLLBSNIKVLPWTSTPV 394
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Search completed: March 7, 2005, 07:22:52

Job time : 43.8407 secs